

## 1. Product Description & Main Ingredients

D Tech Lute Glass is a water based dental luting cement.

### Main Ingredients

Poly Carboxylic acid & Alumina Silicate Glass.

## 2. Indications

2.1 For Cementation of inlays, crown, & bridges.

2.2 Cementation of Orthodontic bands.

2.3 Base or Liner

## 3. Contraindications

3.1 Pulp capping

3.2 In rare cases where patients experience sensitivity or adverse reactions to Glass Ionomer cements.

## 4. Precautions (Please read carefully before use)

4.1 Personal protective equipment (PPE) such as gloves, face masks and safety eye wear should always be worn.

4.2 In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.

4.3 In case of contact with eyes, flush immediately with water and seek medical attention.

4.4 In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

4.5 If swallowed, dilute by giving water to drink and seek medical attention.

4.6 DO NOT mix powder or liquid with any other glass ionomer components.

## 5. Application Method

### 5.1 Dispensing Instruction

5.1.1 The standard powder to liquid ratio is 1.75 : 1:0g; 1 scoop of powder to 3 drops of Liquid

5.1.2 For accurate dispensing of powder, lightly tap the bottle against the hand. Do not shake or invert.

5.1.3 Hold the liquid bottle vertically and squeeze gently.

5.1.4 Close bottles immediately after use.

### 5.2 Mixing

Dispense powder and liquid onto the pad. Using the plastic spatula, divide the powder into 2 equal parts. Mix the first portion with all of the liquid for 10 seconds. Incorporate the remaining portion

and mix the whole thoroughly for 15-20 seconds (total time within 30 seconds).

### 5.3 Application of Lute Glass

5.3.1 Prepare tooth using standard techniques.

5.3.2 Clean with pumice & water only

5.3.3 Wash and dry but DO NOT DESICCATE. Do not REMOVE SMEAR LAYER. For pulp capping use a calcium hydroxide paste.

5.3.4 Clean & dry inside the casting.

5.3.5 Mix the required amount of cement. Working time is 2:00 minutes from the start of mixing at 23°C (73.4°F). Higher temperatures will shorten working time.

5.3.6 Coat internal surface of the restoration with 1mm of cement & start to set within 30 seconds of complete mix. **(DO NOT OVERFILL)**

5.3.7 Setting time is 4 min after start of mixing.

### 5.4 Technical Data

Mixing Time@ 23°C from start of mixing	30 Seconds
Working Time@ 23°C from start of mixing	2.00 min
Setting Time@ 23°C from start of mixing	4.00 min

## 6. Packaging & Variants

- Bottle of 15g Lute Glass powder
- Bottle of 13g Lute Glass liquid.
- Mixing pad
- Spoon

**Shade:** A2, A3

## 7. Storage & Handling

Store at temperature of 5-30°C (41-86.0°F).

(Shelf life: 2 years from date of manufacture)

REFERENCE NO: IFU/LG/08/0725



### D Tech Dental Technologies

Plot No. 118/119, Sub Plot No. 32, Lane No. 7, Ramtekdi Industrial Estate, Hadapsar, Pune - 411028. INDIA.

Customer Care : 9370145806

E mail : info@dtechasia.com

Url : www.dtechasia.com

### European Representative OBELIS

Bd General Wahis, 53, 1030 Brussels, Belgium

E mail : mail@obelis.net

Last Revised: 03 July 2025 Rev 08



Storage



Keep Dry



Keep away from Sunlight



Authorised Representative



Manufacturer



Batch No



Expiry



Non Sterile



Medical Device



Unique Device Identifier



Instruction for Use

### Limitation of Liability

Except where prohibited by law, D Tech will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability

**For use only by a dental professional**